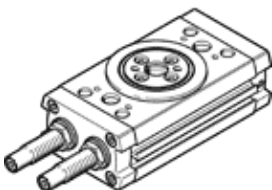


semi-rotary drive DRRD-16-180-FH-Y9A

Part number: 1644389

★ Core product range

FESTO



Data sheet

Feature	Value
Size	16
Cushioning angle	43 deg
Setting range of swivel angle on both sides	+10 / -170 deg
Swivel angle	180 deg
Cushioning	Y9: internal hydraulic cushioning normal
Assembly position	Any
Design structure	Rack and pinion
Position detection	For proximity sensor
Operating pressure MPa	0.2 ... 1 MPa
Operating pressure	2 ... 10 bar
Mode of operation	double-acting
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
PWIS conformity	VDMA24364 zone III
Ambient temperature	-10 ... 60 °C
Theoretical torque at 0.6 MPa (6 bar, 87 psi)	1.59 Nm
Permissible mass moment of inertia	0.07 kgm ²
Product weight	650 g
Mounting type	with through hole with internal (female) thread Optional
Pneumatic connection	M5
Materials note	Conforms to RoHS
Material of drive shaft	Heat-treatment steel
Material cover	Wrought Aluminium alloy Anodised
Material seals	NBR TPE-U(PU)
Material housing	Wrought Aluminium alloy Smooth anodised